

FIG. 1

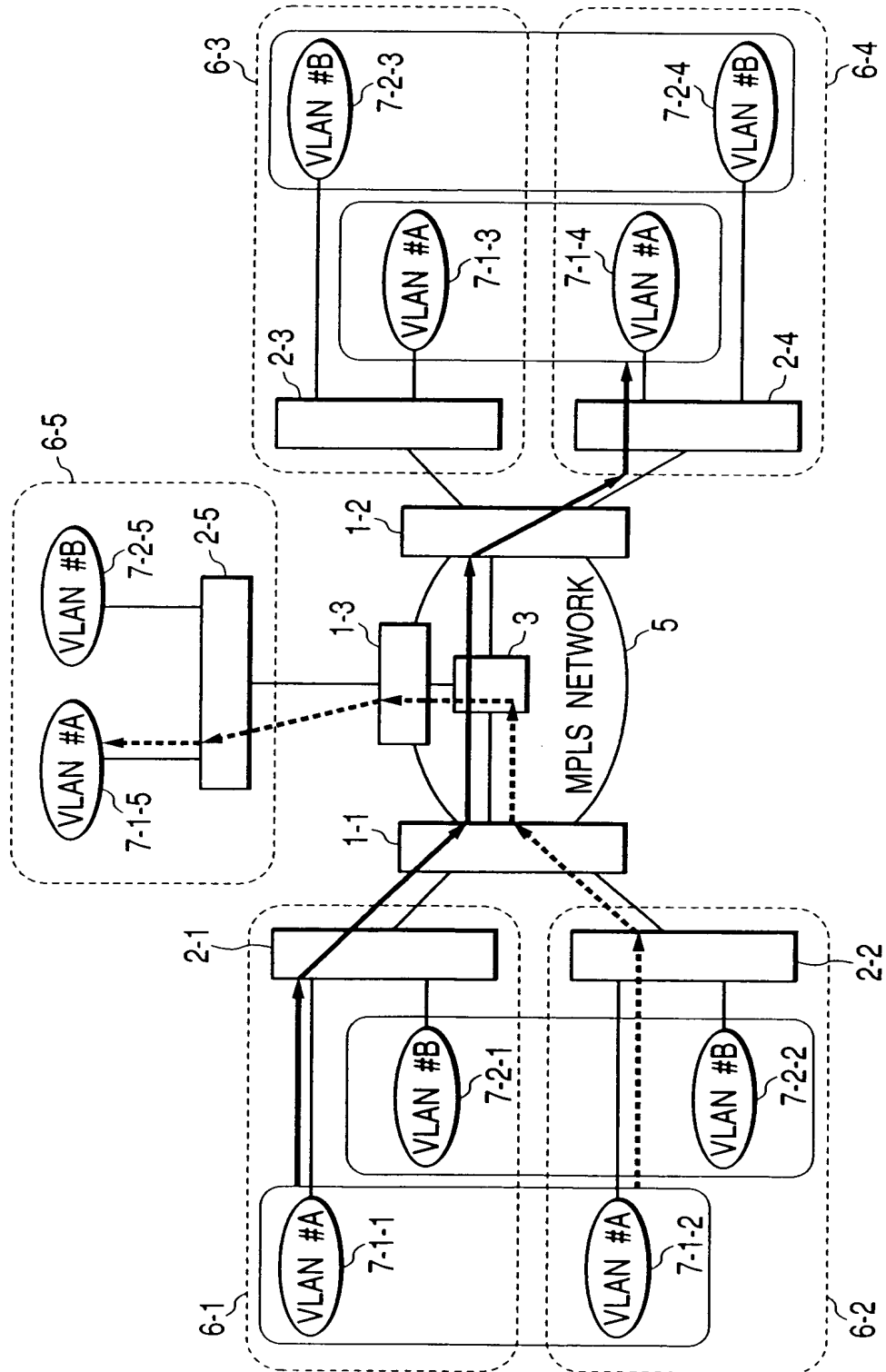
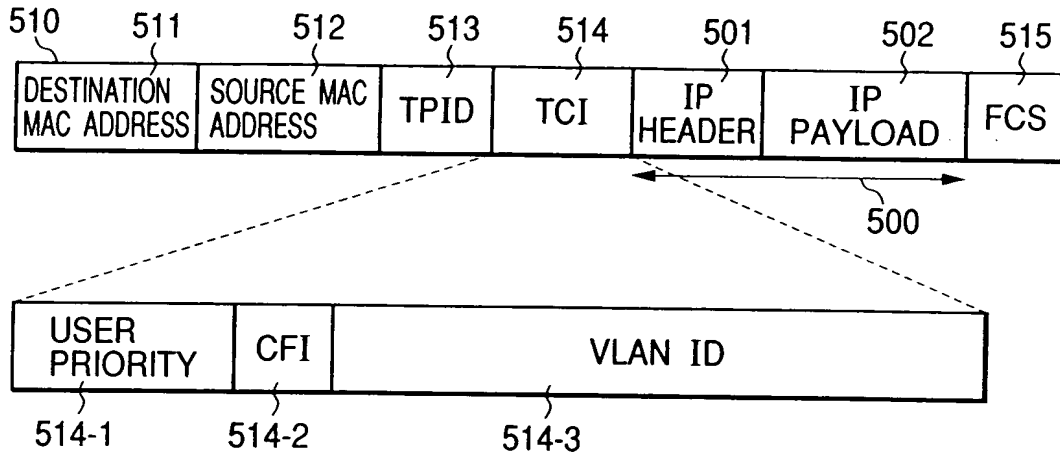


FIG. 2

TCI : TAG CONTROL INFORMATION
 CFI : CANONICAL FORMAT INDICATOR
 TPID : TAG PROTOCOL IDENTIFIER

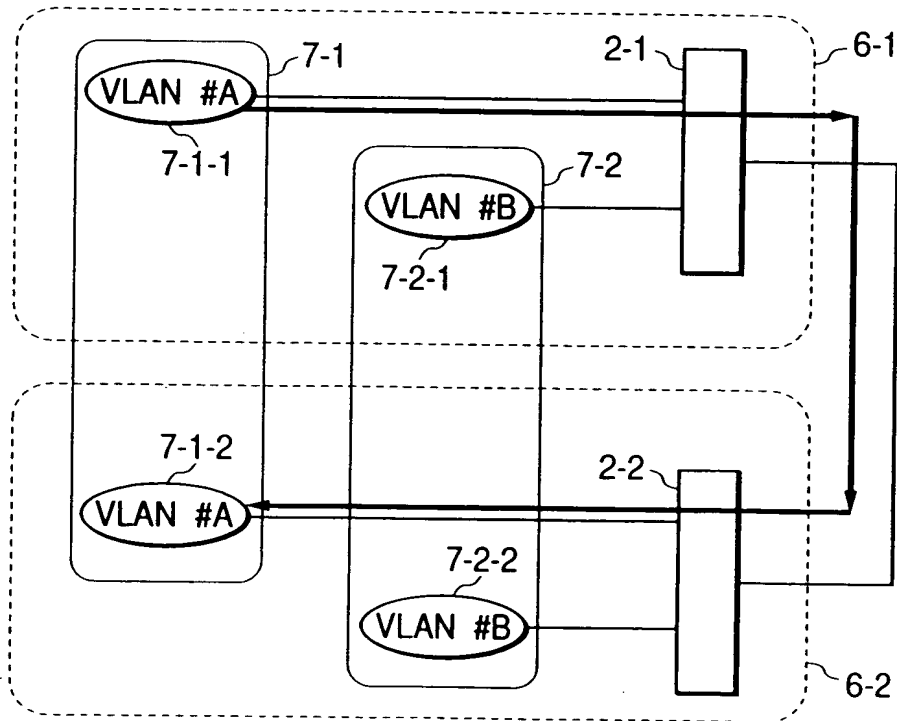
FIG. 3

FIG. 4

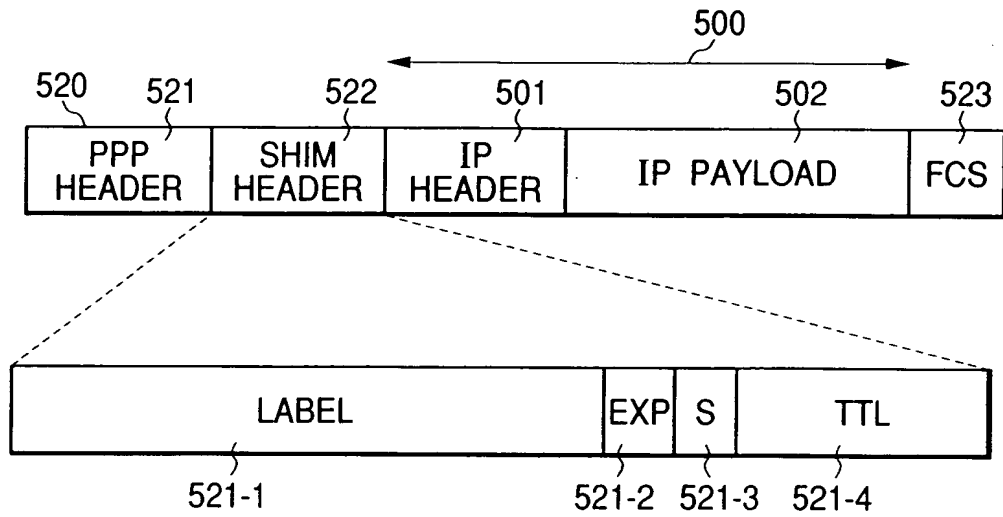


FIG. 5

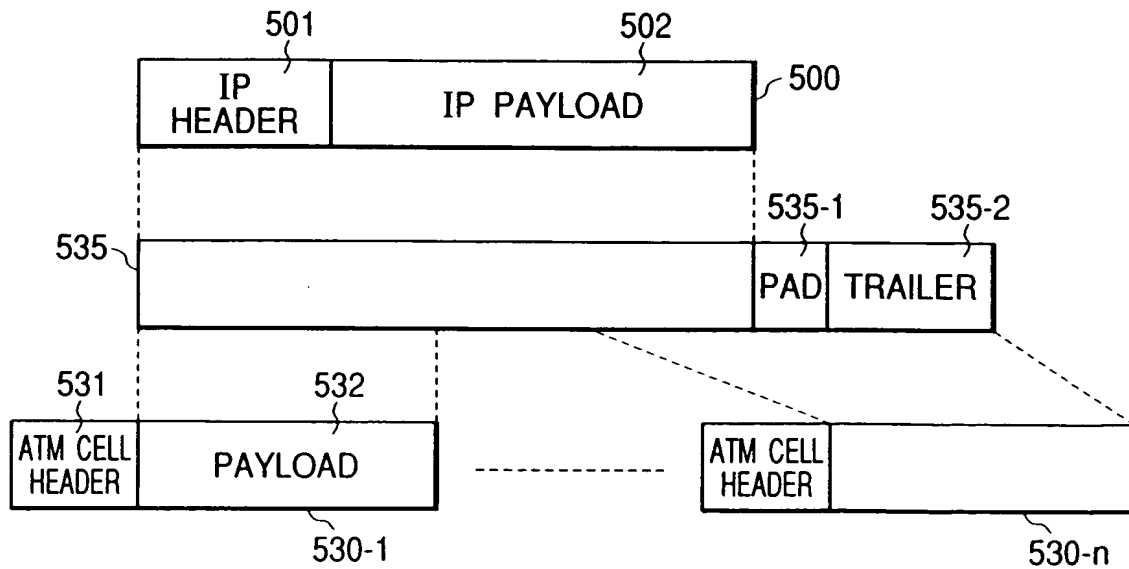


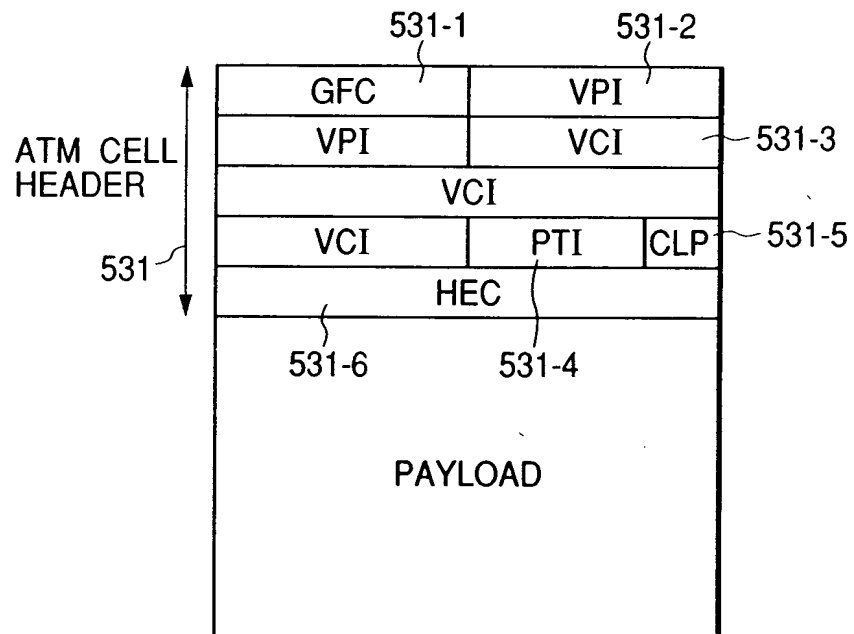
FIG. 6

FIG. 7

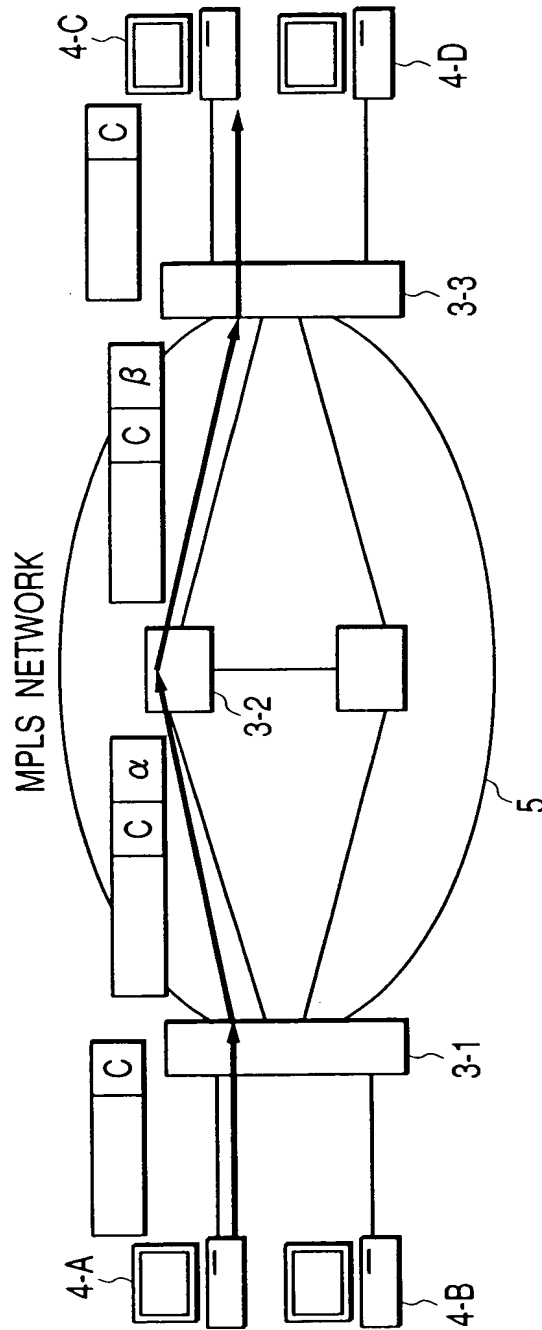


FIG. 8

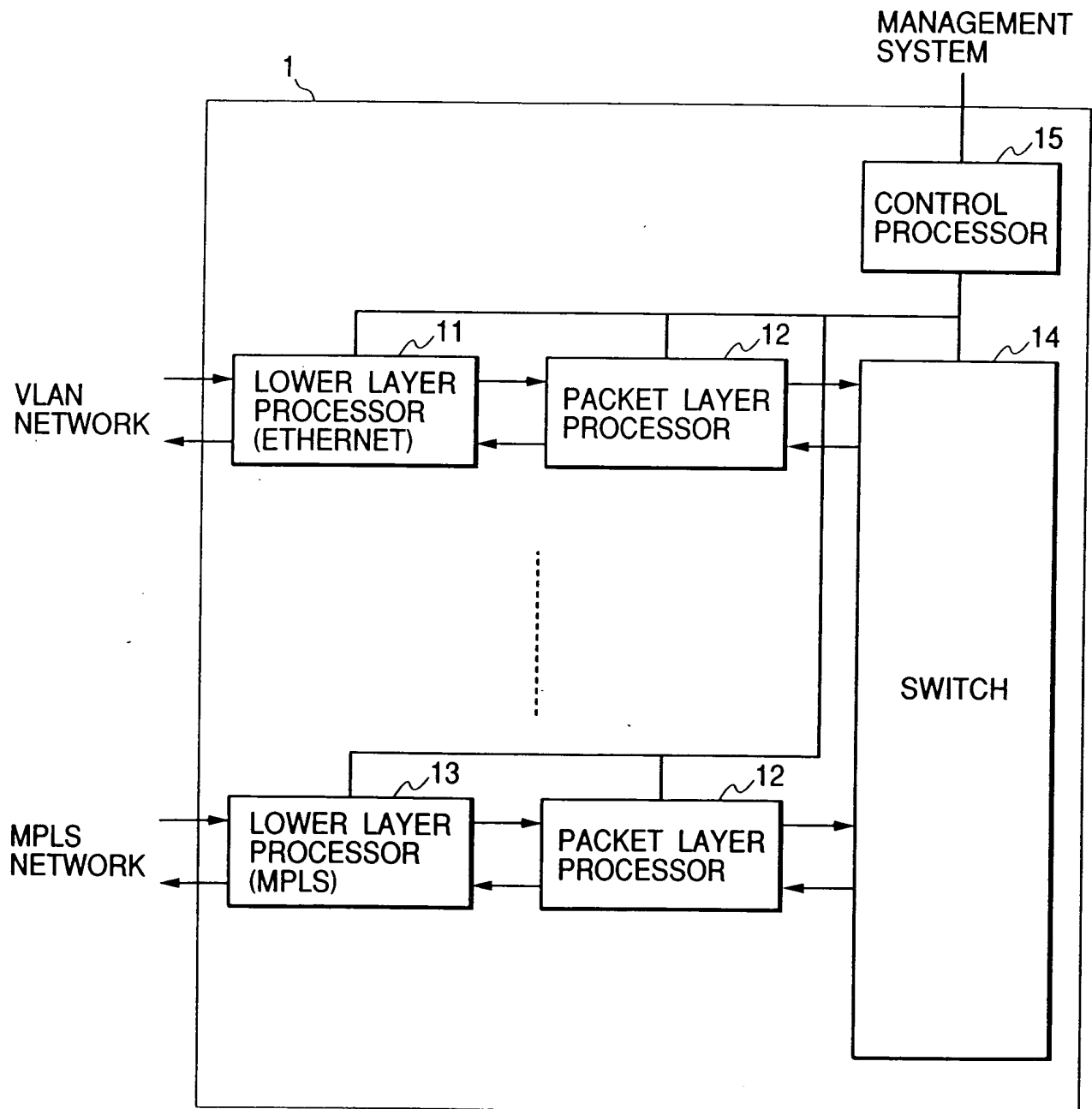


FIG. 9

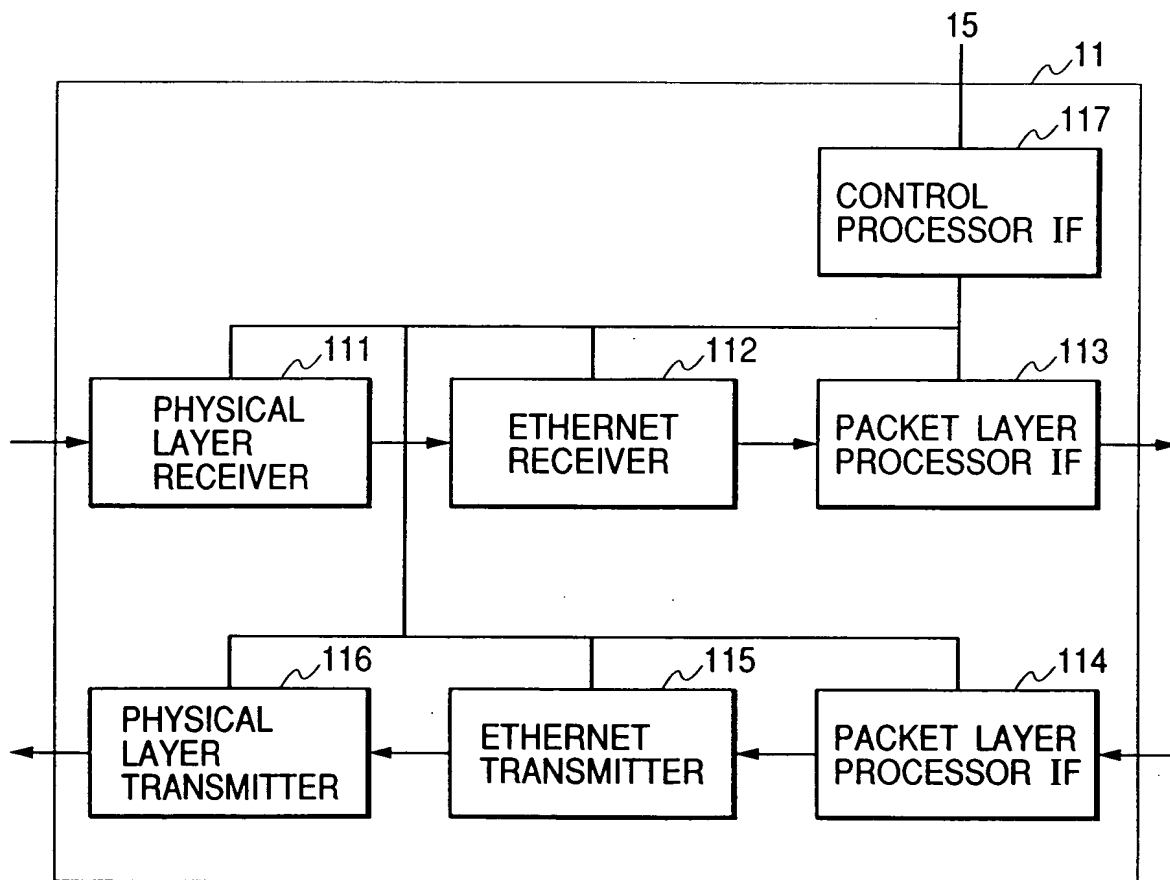


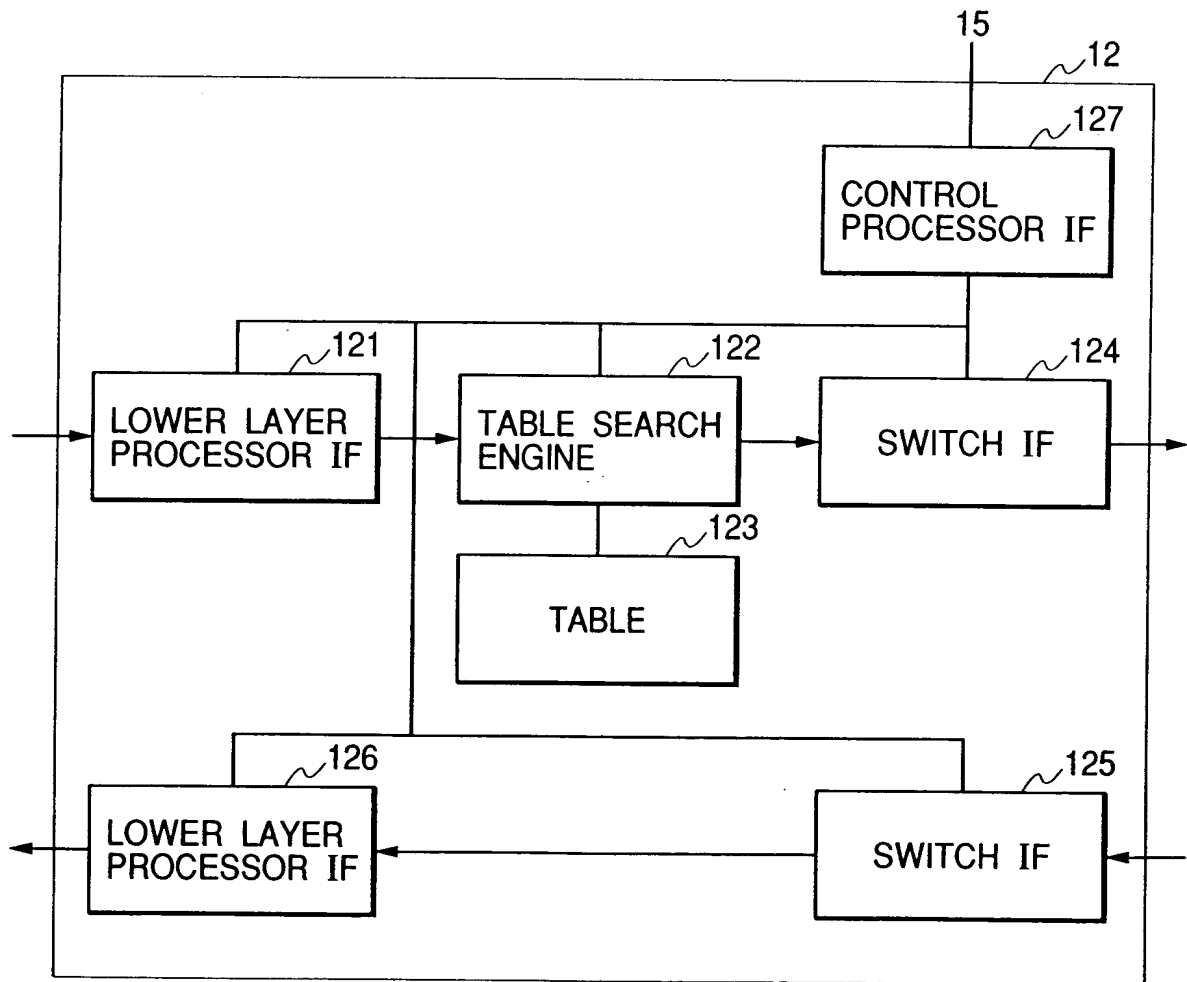
FIG. 10

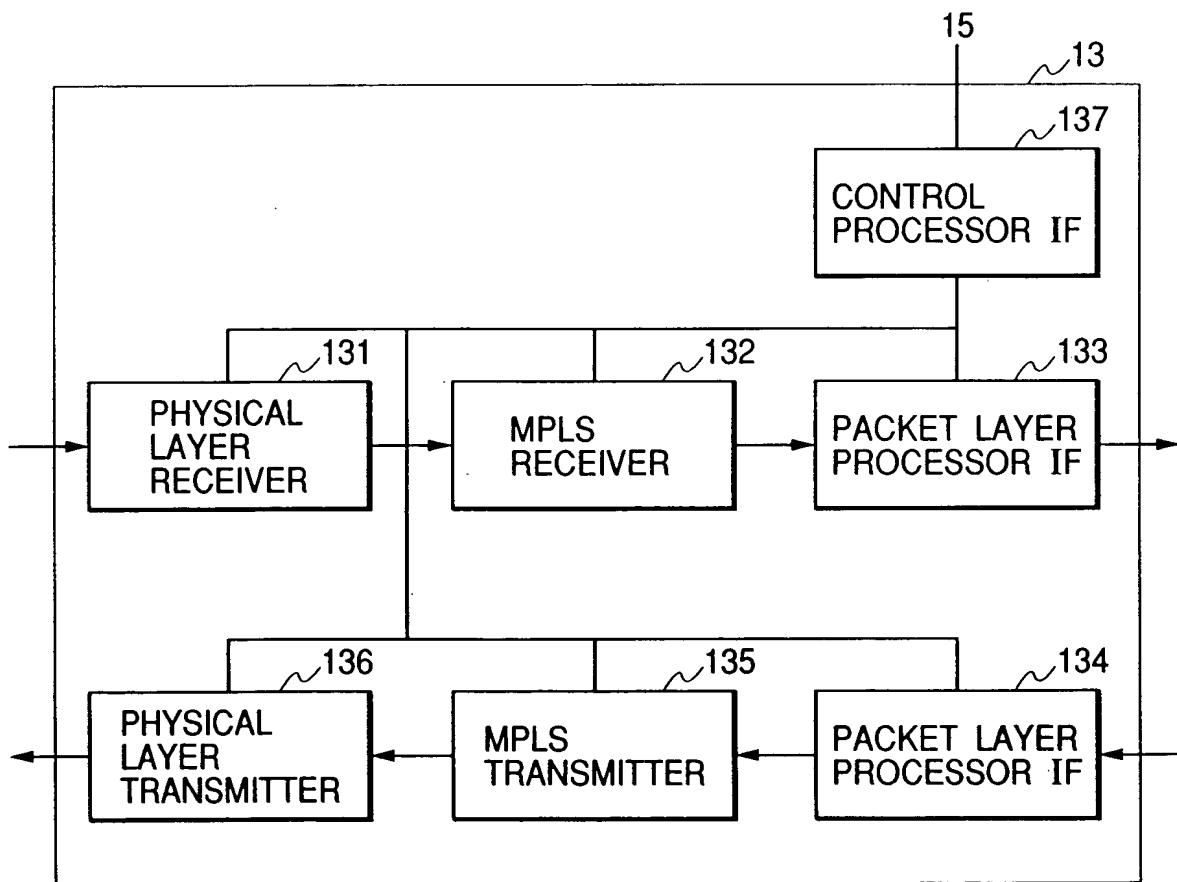
FIG. 11

FIG. 12

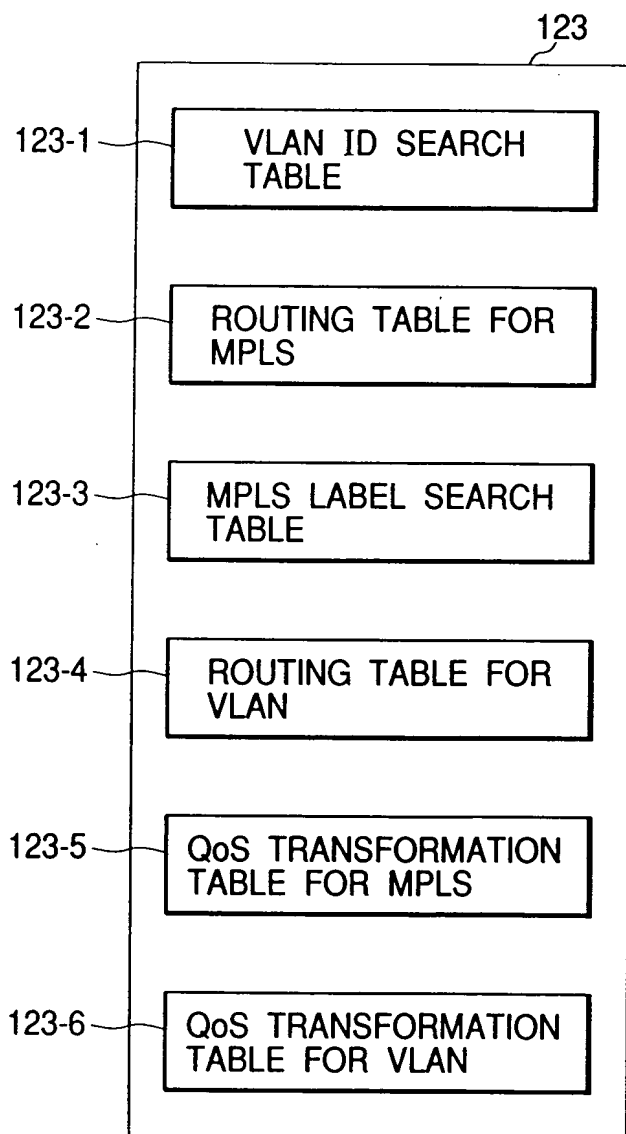


FIG. 13

123-1-1 INPUT VLAN ID	123-1-2 VLAN
10	VLAN #A
20	VLAN #B
⋮	⋮

↔
 SEARCH KEY

↔
 RESULT

FIG. 14

		123-2-1	123-2-2	123-2-3
	123-2	DESTINATION IP ADDRESS	OUTPUT LABEL	OUTPUT PHY. PORT
		192.168.10.0	100	3
FOR VLAN #A		192.168.20.0	101	5
	123-2-a	⋮	⋮	⋮
		192.168.10.0	102	5
FOR VLAN #B		192.168.20.0	103	3
	123-2-b	⋮	⋮	⋮
		⋮	⋮	⋮
		SEARCH KEY RESULT		

[illegible]

123-3	123-3-1 INPUT LABEL	123-3-2 VLAN
	100	VLAN #A
	101	VLAN #A
	102	VLAN #B
	⋮	⋮
	SEARCH KEY	RESULT

FIG. 16

		123-4-1	123-4-2	123-4-3	123-4-4
123-4		DESTINATION IP ADDRESS	MAC ADDRESS	OUTPUT VLAN ID	OUTPUT PHY. PORT
VLAN #A	123-4-a	192.168.10.0	aa.bb.cc. dd.ee.ff	10 (VLAN #A)	8
		192.168.20.0	11.22.33. 44.55.66	10 (VLAN #A)	9
		⋮	⋮	⋮	⋮
VLAN #B	123-4-b	192.168.10.0	aa.bb.cc. dd.ee.ff	20 (VLAN #B)	9
		192.168.20.0	11.22.33. 44.55.66	20 (VLAN #B)	8
		⋮	⋮	⋮	⋮
		⋮	⋮	⋮	⋮
		SEARCH KEY RESULT			

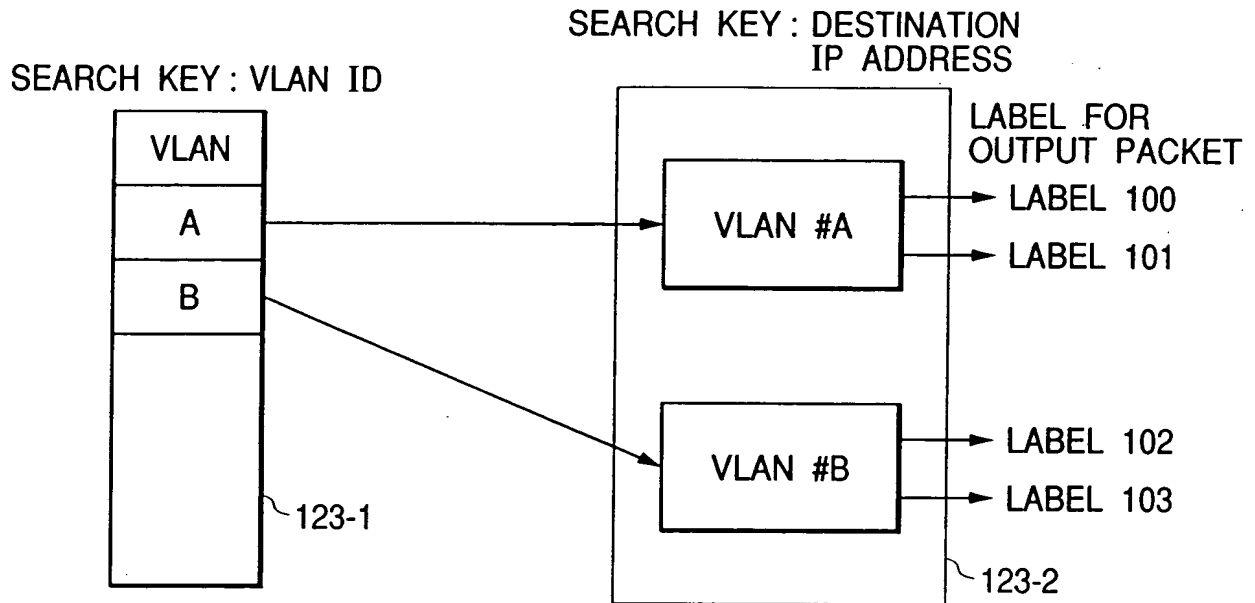
[illegible]

123-10	123-10-1	123-10-2	123-10-3
	TCP/IP HEADER (DESTINATION) IP ADDRESS	USER PRIORITY	MPLS QoS
	192.168.0.0	0	0
	192.168.0.0	7	7

SEARCH KEY RESULT

FIG. 18

123-11		
123-11-1	123-11-2	123-11-3
TCP/IP HEADER (DESTINATION IP ADDRESS)	MPLS QoS	USER PRIORITY
192.168.0.0	0	0
192.168.0.0	7	7
⋮	⋮	⋮
SEARCH KEY		RESULT

FIG. 19**FIG. 20**